Amendments to the Claims:

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This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1, 7, 9, and 14-19 are amended.

Listing of Claims:

- 1. (Currently Amended) A steel composition intended to be used in a process comprising a cold rolling step, for the production of uncoated, electro-galvanised or hot dip galvanised TRIP steel products, said composition being characterised by the following contents comprising:
- C: between 1300ppm and 2600ppm,
- Mn: between 10000ppm and 22000ppm,
- Al: between 8000ppm and 15000ppm,
- Si: between 2000ppm and 6000ppm,
- P: between 400 and 1000ppm,
- S: maximum 120ppm,
- N: maximum 200ppm,
- Ti: maximum 1000ppm,
- Nb: maximum 1000ppm,
- V: maximum 1000ppm,
- B: maximum 10ppm.

the remainder being substantially iron and incidental impurities.

- 2. (Original) The steel composition according to claim 1, comprising a carbon content between 1300ppm and 1900ppm.
- 3. (Original) The steel composition according to claim 2, comprising a carbon content between 1350ppm and 1900ppm.
- 4. (Original) The steel composition according to claim 2, comprising a carbon content between 1400ppm and 1900ppm.
- 5. (Original) The steel composition according to claim 1, comprising a carbon content between 1700ppm and 2300ppm.

- 6. (Original) The steel composition according to claim 1, comprising a carbon content between 2000ppm and 2600ppm.
- 7. (Currently Amended) The steel composition according to either one of claims 2 to 6 claim 2, comprising:
- Mn: between 13000ppm and 22000ppm,
- Al: between 8000ppm and 14000ppm,
- Si: between 2500ppm and 4500ppm,
- P: between 600 and 1000ppm,
- S: maximum 120ppm,
- N: maximum 150ppm,
- Ti: maximum 200ppm,
- Nb: maximum 100ppm,
- V: maximum 100ppm,
- B: maximum 5ppm.
- 8. (Original) The steel composition according to claim 7, comprising an aluminium content between 9000ppm and 13000ppm.
- 9. (Currently Amended) A process for manufacturing a cold rolled TRIP steel product, comprising the steps of:
- preparing a steel slab having a composition according to any one of claims 1 to 8 claim 1,
- hot rolling said slab, wherein the finishing rolling temperature is higher than the Ar3 temperature, to form a hot-rolled substrate,
- cooling said substrate to a coiling temperature (CT) between 500°C and 680°C,
- coiling said substrate at said coiling temperature,
- pickling said substrate to remove the oxides,
- cold rolling said substrate to obtain a reduction of thickness, with a minimum reduction of 40%.
- 10. (Original) The process according to claim 9, further comprising the steps of:
- soaking said substrate at a temperature between 760°C and 850°C,
- cooling said substrate with a cooling rate higher than 2°C/s to a temperature in the range 360°C to 450°C,

- holding said substrate in said temperature range for a time less than 700s.
- cooling said substrate to room temperature at a cooling rate higher than 1°C/s.
- subjecting said substrate to a skinpass reduction of maximum 1.5%.
- 11. (Original) The process according to claim 10, further comprising an electrolytic zinc coating step.
- 12. (Original) The process according to claim 9, further comprising the following processing steps:
- soaking said substrate at a temperature between 760°C and 850°C,
- cooling said substrate with a cooling rate higher than 2°C/s to the temperature of a Zn-bath,
- holding said substrate in the temperature range between 490°C and 460°C for less than 200 seconds.
- hot dip galvanising said substrate in said Zn-bath,
- cooling said substrate to room temperature at a cooling rate higher than 2°C/s.
- 13. (Original) The process according to claim 12, further comprising the step of subjecting said substrate to a skinpass reduction of maximum 1.5%.
- 14. (Currently Amended) A steel product produced according to the process of any of claims 8 to 11 claim 9 and having a microstructure comprising 30-75% ferrite, 10-40% bainite, 0-20% retained austenite and possibly 0-10% martensite.
- to the process of any one of claims 10 to 13 claim 10, said product comprising a carbon content between 1300ppm and 1900ppm, said product having a yield strength between 320MPa and 480MPa, a tensile strength above 590MPa, an elongation A80 higher than 26% and a strain hardening coefficient, calculated between 10% and uniform elongation, higher than 0.2.
- 16. (Currently Amended) A steel product produced according to the process of any one of claims 10 to 13 claim 10, said product comprising a carbon content between 1700ppm and 2300ppm, said product having a yield strength between 350MPa and 510MPa, a tensile strength above 700MPa, an elongation A80 higher than 24% and a strain hardening coefficient, calculated between 10% and uniform elongation, higher than 0.19.
- 17. (Currently Amended) A steel product produced according to the process of any one of claims 10 to 13 claim 10, said product comprising a carbon content between 2000ppm and 2600ppm, said product having a yield strength between 400MPa and

600MPa, a tensile strength above 780MPa, an elongation A80 higher than 22% and a strain hardening coefficient, calculated between 10% and uniform elongation, higher than 0.18.

18. (Currently Amended) A steel product produced according to the process of any one of claims 10 to 13 claim 10, said product comprising a carbon content between 2000ppm and 2600ppm, said product having a yield strength between 450MPa and 700MPa, a tensile strength above 980MPa, an elongation A80 higher than 18% and a strain hardening coefficient, calculated between 10% and uniform elongation, higher than 0.14.

19. (Currently Amended) A steel product produced according to any one of claims 14 to 18 claim 14, having bake hardening BH2 higher than 40MPa in both longitudinal and transversal directions.